BRUHAT BANGALORE MAHANAGARA PALIKE

BBMP/2025-26/OW/WORK_INDENT7285

APPROVED SCHEDULE - B

No.EE/BTP/BBMP/KPPP/02/2025-26, Date: 09-05-2025

Name Of Work: Construction of Compund wall and other improvement works at Kogilu SC/ST Burial Ground in ward No. 05 Kogilu, Construction of Balance Compund wall and other improvement works at Rachenahalli SC/ST Burial Ground and Improvements to Roads and Drain at Thanisandra Colony, Saraipalya Colony and Rachenahalli Colony, Mestripalya Surrounding in ward No. 07 Thanisandra, and Additional Works to Samudaya Bhavanva at Jakkur Layout in ward No. 08 Amruthahalli. Improvements to Roads and Drain at Maruthinagara, Maruthi Layout, NTI Layout and surrounding areas in Ward No. 11 in Kodigehalli Sub Division.

Sl. No.	Approved Qty.	Description	Unit	Approved Tender Rates of SRI. B M MUNIRAJU (S S CONSTRUCTIONS)	
				In Figures	In Words
1	1653.30	Removing and Resetting of Footpath Slab	Sqm	246.73	Rupees Two Hundred Forty Six and Seventy Three Paise Only
2	179.05	Earth work excavation by manual means for drains, canals, waste weir, draft, approach channels, key trenches, foundation of Buildings & bridges and such simillar works in all kinds of soils, as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter, excavated surface leveled and sides neatly dressed disposing off the excavated stuff or sorting & stacking the selected stuff for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools & other appurtenaces required to complete the work.machinery & other appurtenaces required to complete the work Depth exceeding 1.5m, but not exceeding 3 m	Cum	299.12	Rupees Two Hundred Ninety Nine and Twelve Paise Only
3	2846.39	Earth work excavation by manual means for drains,canals, waste weir, draft, approach channels, key trenches, foundation of bridges and such simillar works in all kinds of soils , as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter, excavated surface leveled and sides neatly dressed disposing off the excavated stuff or sorting & stacking the selected stuff for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools & other appurtenaces required to complete the work.	Cum	279.48	Rupees Two Hundred Seventy Nine and Forty Eight Paise Only
4	68.83	Providing and Filling in foundation with granite / trap broken metal 100mm. And down size & with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all lead and lift complete as per specifications.	Cum	3097.41	Rupees Three Thousand Ninety Seven and Forty One Paise Only
5	15.10	Providing and laying in position plain cement concrete for levelling course for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes achine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machinery, curing, and all the other purtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork shall be paid separately) Mix 1:3:6 (M10) Using 40 mm nominal size graded crushed coarse aggregates.	Cum	6916.64	Rupees Six Thousand Nine Hundred Sixteen and Sixty Four Paise Only
6	145.50	Providing and injecting chemical emulsion for Pre-constructional Anti-Termite Treatment, creating continuous chemical barrier under and around the column pits, walls, trenches, basement excavation, top surface of the plinth filling, junction of wall and floor, along the external perimeter of building, expansion joints, over the top surface of consolidated earth on which apron is to be laid, surrounding of pipes and conduits with Chlorpyriphos 20% E.C. / Lindane 20% E.C. @ 3.19 l/m2 including cost of chemical, diluting in water to one percent concentration, labour, usage charges of machinery, complete as per specifications.	Cum	136.28	Rupees One Hundred Thirty Six and Twenty Eight Paise Only

Signature of the Contractor

Executive Engineer
Executive Engineer
Byatarayanapura Division
BBMP, Bangalore-92

Name Of Work: Construction of Compund wall and other improvement works at Kogilu SC/ST Burial Ground in ward No. 05 Kogilu, Construction of Balance Compund wall and other improvement works at Rachenahalli SC/ST Burial Ground and Improvements to Roads and Drain at Thanisandra Colony, Saraipalya Colony and Rachenahalli Colony, Mestripalya Surrounding in ward No. 07 Thanisandra, and Additional Works to Samudaya Bhavanva at Jakkur Layout in ward No. 08 Amruthahalli. Improvements to Roads and Drain at Maruthinagara, Maruthi Layout, NTI Layout and surrounding areas in Ward No. 11 in Kodigehalli Sub Division.

Sl. No.	Approved Qty.	Description	Unit	Approved Tender Rates of SRI. B M MUNIRAJU (S S CONSTRUCTIONS)	
				In Figures	In Words
7	40.76	Providing and laying in position Reinforced cement concrete for all Foundation works. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticizers laid in finished layers, well compacted using needle vibrators, including all lead & lifts, cost of all materials, quality confirming to the requirements of relevant IS codes , labour, Usage charges of machinery, curing and all the other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork to be paid separately) M25 Design Mix Using 20 mm nominal size graded crushed coarse aggregates	Cum	7793.01	Rupees Seven Thousand Seven Hundred Ninety Three and One Paise Only
8	143.38	Refilling available earth around trenches/pipelines, cables in layers not exceeding 20 cm in depth, compacting each deposited layer by ramming after watering with a lead upto 50 m , and lift upto 1.5 m. Including cost of all labour complete as per specifications	Cum	181.42	Rupees One Hundred Eighty One and Forty Two Paise Only
9	15.04	Providing and laying in position Reinforced cement concrete for all Super structures of building , Road works, Water works, Irrigation works & super structure works of bridges upto 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers laid in layers, well compacted using needle vibrators. The cost includes all lead & lifts, cost of all materials, quality confirming to the requirements of relevant IS codes , labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical speci fications. (The cost of steel reinforcement, dowel bars & formwork to be paid separately)	Cum	10273.79	Rupees Ten Thousand Two Hundred Seventy Three and Seventy Nine Paise Only
10	2.02	Supplying, fitting and placing TMT FE 550 / 550D Steel Reinforcement including cost of all materials, machinery, labour, cleaning, straightening, cutting, bending, hooking, laping/welding joints, tying with binding wire / soft annealed steel wire and other ancilary operations complete as per drawing and technical specification. All other type of structures (a) Ground floor	Tonne	103312.99	Rupees One Hundred Three Thousand Three Hundred Twelve and Ninety Nine Paise Only
11	50.00	Digging of trench of 0.6m deep x 0.50 mtr wide refilling the trench to the required ground level and consolidating etc., complete cutting road surfaces	Rmtr	86.09	Rupees Eighty Six and Nine Paise Only
12	8.00	Supplying and fixing of class A GI pipe on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV class 40mm	Nos	351.72	Rupees Three Hundred Fifty One and Seventy Two Paise Only
13	2.00	Earthing : Supplying and fixing and wiring earth electrode for grounding circuits IC cutouts and other equipments on the meter board in the pit. The pits should be filled up with equal proportion of salt and charcoal 150mm around the pipe to complete depth. The connection from the pipe to the conduits etc. is to established through GI wire of sizes as per clause 7.3.3 of IS 732 using 12mm bolts, nuts, washers and check nuts, the pipe shall have 16 through holes of 12mm dia	Nos	4055.24	Rupees Four Thousand Fifty Five and Twenty Four Paise Only
14	1.00	Supply and delivery of Centrifugal pumpset at site brand new best make and with discharge duty confirming to ISI standards and its latest amendments. 2 HP, Size 65x50 Head 13M, Discharge 462 LPM	Each	16388.94	Rupees Sixteen Thousand Three Hundred Eighty Eight and Ninety Four Paise Only
15	3.00	Providing & fixing upvc ventilator with Exhaust Turbo speed fan with 5 blades (300mm x 300 mm & above sized fan) with copper motor having mounting arrangements as per direction of Engineer in charge of work	No	2047.31	Rupees Two Thousand Forty Seven and Thirty One Paise Only

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				In Figures	In Words
16	114.00	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step PVC solvent cement and testing of joints complete as per direction of Engineer in Charge. Internal work - Exposed on wall 25 mm nominal dia Pipes	Mtr	367.26	Rupees Three Hundred Sixty Seven and Twenty Six Paise Only
17	96.00	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step PVC solvent cement and testing of joints complete as per direction of Engineer in Charge. Internal work - Exposed on wall 32 mm nominal dia Pipes	Mtr	461.96	Rupees Four Hundred Sixty One and Ninety Six Paise Only
18	3000.00	Providing and placing on terrace (at all floor levels) polyethylene water storage tank, IS : 12701 marked, with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank	Ltr	10.39	Rupees Ten and Thirty Nine Paise Only
19	2.00	Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require:White Vitreous China Wash basin size 630x450 mm with a pair of 15 mm C.P. brass pillar taps	Each	3559.37	Rupees Three Thousand Five Hundred Fifty Nine and Thirty Seven Paise Only
20	2.00	Providing and fixing white vitreous china extended wall mounting water closet of size 780x370x690 mm of approved shape including providing & fixing white vitreous china cistern with dual flush fitting, of flushing capacity 3 litre/ 6 litre (adjustable to 4 litre/ 8 litres), including seat cover, and cistern fittings, nuts, bolts and gasket etc complete.	Each	12962.49	Rupees Twelve Thousand Nine Hundred Sixty Two and Forty Nine Paise Only
21	111.10	Providing and constructing load bearing wall with Solid Concrete blocks of size 400x150x200mm having block density more than 1800kg/m3 and minimum compressive strength of 4.00 N/mm2 conforming to IS 2185 (Part - I) - 2005 and constructed with CM 1:4 as per IS 2572:2005 including cost of all materials, labour, scaffolding and curing, usage charges of machinery etc complete as per specifications Ground floor	Sqm	1421.67	Rupees One Thousand Four Hundred Twenty One and Sixty Seven Paise Only
22	2.00	Extra for providing opening of required size & shape for wash basin/ kitchen sink in kitchen platform, vanity counter and similar location in Granite, including necessary holes for pillar taps etc. including moulding, rubbing and polishing of cut edges etc. complete.	Each	682.54	Rupees Six Hundred Eighty Two and Fifty Four Paise Only
23	60.00	Providing and fixing on wall face unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion, (i) Single socketed pipes 100 mm diameter	Rmtr	336.07	Rupees Three Hundred Thirty Six and Seven Paise Only

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Sl. No.	Approved Qty.	Description	Unit	Approved Tender Rates of SRI. B M MUNIRAJU (S S CONSTRUCTIONS)	
				In Figures	In Words
24	1.00	Geophysical investigation at site for sinking borewells for supplying drinking water to the habitation either through the Hand Pump MWS or P.W.S.S, by vertical electrical sounding by adopting Venner or Schlumbergers's method, including econnaissance survey of geological formation. Geophysical investigation of existing ground water in the vicinity, its quality, quantity and acceptability of the users, indicating the location of the site, recommended depth of casing pipe required to seal the top unconsolidated formation including an extra depth of 1.0 metre in consolidated formation for proper seating of casing pipe, depth of drilling required to cover full depth of aquifer proposed to be tapped, probable yield and other information required including transportation of instruments and accessories to work site, engaging technical personal and labour required etc. NOTE: 1) Additional rate on item 1&2 is allowed for drilling in over burden and fixing Casing pipes beyond 20 M (for fixing Casing pipes only) a) Above 20 M and upto 30 M - 15%, b) Above 30 M - 30% (Measurement of overburden is restricted to the depth of casing pipe fixed excluding initial depth of 20M and projection above ground level). 2) A sum of Rs. 100/- is to be deducted for Dry Borewell towards yield test	Each	5718.43	Rupees Five Thousand Seven Hundred Eighteen and Forty Three Paise Only
25	50.00	Sinking of Borewell of 165mm dia clear using super fast hydraulic rig of capacity 300 PSIG & above 1100 CMF & above in all strata including over burdern upto 20 m. Fixing of casing pipes, collars and cap with necessary cutting, threading and welding including transportation of rig and supporting vehicle, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimumworking of compressor for one hour (Excluding cost of casing pipes,collars, cap etc., complete) 0-50mtrs	Rmtr	427.31	Rupees Four Hundred Twenty Seven and Thirty One Paise Only
26	50.00	50-100mtrs	Rmtr	535.87	Rupees Five Hundred Thirty Five and Eighty Seven Paise Only
27	50.00	100-150mtrs	Rmtr	569.36	Rupees Five Hundred Sixty Nine and Thirty Six Paise Only
28	50.00	150-200mtrs	Rmtr	660.60	Rupees Six Hundred Sixty and Sixty Paise Only
29	50.00	200-250mtrs	Rmtr	774.93	Rupees Seven Hundred Seventy Four and Ninety Three Paise Only
30	50.00	250-300mtrs	Rmtr	854.62	Rupees Eight Hundred Fifty Four and Sixty Two Paise Only
31	50.00	300-350mtrs	Rmtr	1002.44	Rupees One Thousand Two and Forty Four Paise Only
32	49.50	Providing 12 mm cement plaster with cement mortar 1:4 (1 cement: 4 fine sand) to brick masonry including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and as per directions of Engineer-in-charge. Ground Floor	Sqm	294.50	Rupees Two Hundred Ninety Four and Fifty Paise Only

Signature of the Contractor

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Executive Engineer
Bangalore-90

Name Of Work: Construction of Compund wall and other improvement works at Kogilu SC/ST Burial Ground in ward No. 05 Kogilu, Construction of Balance Compund wall and other improvement works at Rachenahalli SC/ST Burial Ground and Improvements to Roads and Drain at Thanisandra Colony, Saraipalya Colony and Rachenahalli Colony, Mestripalya Surrounding in ward No. 07 Thanisandra, and Additional Works to Samudaya Bhavanva at Jakkur Layout in ward No. 08 Amruthahalli. Improvements to Roads and Drain at Maruthinagara, Maruthi Layout, NTI Layout and surrounding areas in Ward No. 11 in Kodigehalli Sub Division.

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				In Figures	In Words
33	50.00	350-400mtrs	Rmtr	1082.13	Rupees One Thousand Eighty Two and Thirteen Paise Only
34	60.00	Supply of ISI mark 175mm nominal bore,plain and steel casing pipe grade of steel Fe 410 of wall thickness conforming to IS 4270-2001 and latest ammendments, electrical resistance welded steel tubes, material and conforming to IS 1387-1993 and manufactured by basic open hearth electric or basic oxygen process in random length of 5-7m both ends.threaded conforming to IS 554-1985 one end fixed with socket conforming to IS 4270-2001 and the other end with screwed pipes all shall be responsibaly free from defects. The tubes shall be responsible straight end should be with ISI marking weighing 25.10kg/m. prices include Collar-Medium duty.	Rmtr	2232.40	Rupees Two Thousand Two Hundred Thirty Two and Forty Paise Only
35	10.00	PVC pipes of 10 Kg/cm2 for 200mm	Mtr	1212.63	Rupees One Thousand Two Hundred Twelve and Sixty Three Paise Only
36	1.00	Providing and laying at site of work MS casing caps as per IS 1239 (partII) 1982 with all latest amendments if any for any dia. The thickness of plate used for covering one end shall be 3mm (minimum). The dimensions of caps and colars shall be strictly as per IS 1239 (Part-II) 1982 with all amendments including cost of material and labour charges for fixing, if any etc. complete with all lead and lifts and as directed by the Engineer in charge	Each	189.40	Rupees One Hundred Eighty Nine and Forty Paise Only
37	22000.00	Fabricating supplying and mounting MS box made out ....SWG suitable for floor /wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished with 7tanks treatment with powder coated paint and finally finished with approved colour etc., complete.16 SWD	Sq	0.45	and Forty Five Paise Only
38	1.00	Supply and delivery at site wrought middle steel (galvanized) 50 mm dia GI Union confirming to IS 1239-II, 1991 with latest amendments if any	Each	308.36	Rupees Three Hundred Eight and Thirty Six Paise Only
39	3.00	Supply and delivery at site wrought middle steel (galvanized) 50 mm dia GI hexagonal nipple confirming to IS 1239-II, 1991 with latest amendments if any.	Each	245.99	Rupees Two Hundred Forty Five and Ninety Nine Paise Only
40	3.00	Supply and delivery at site wrought middle steel (galvanized) 50 mm dia GI elbow confirming to IS 1239-II, 1991 with latest amendments if any for:	Each	308.36	Rupees Three Hundred Eight and Thirty Six Paise Only
41	1.00	Labour charges for Erection, Electrification and commissioning of Pump sets, including aligning and balancing of all items including supply and erection of two pair of supporting clamps, bore well caps, cable clips and water tight gland cable protectors, bolts, nuts, valve and gauges,tools and equipments etc., involved in the job as per specifications, with necessary tests as per specifications, with testing of as per instructions of engineer incharge of work.	Job	7506.79	Rupees Seven Thousand Five Hundred Six and Seventy Nine Paise Only

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				In Figures	In Words
42	1.00	Labour charges for erection of outdoor type panel board and meter boardunits with all necessary materials and labour, tools and equipments including providing cement concrete foundation bed etc., complete as per specification, with testing of as per instructions of engineer incharge of work.	Job	1674.59	Rupees One Thousand Six Hundred Seventy Four and Fifty Nine Paise Only
43	111.96	Providing 20 mm cement plaster of mix :1:4 (1 cement: 4 fine sand) to brick/stone masonry including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and as per directions of Engineer-in-Charge Ground floor	Sqm	408.83	Rupees Four Hundred Eight and Eighty Three Paise Only
44	45.00	Supplying of 1.1KV LT UG cable XPLE or heat resistant PVC Insulated PVC eatruded inner sheath armoured UG LT cable as per IS -1554(Part-1) or IS-7098 Part-1,Armouring strip thickness in average +5% and resistivity 14ohms/kms(max) as per IS -3975 4 core 16sqmm	Rmtr	157.49	Rupees One Hundred Fifty Seven and Forty Nine Paise Only
45	45.00	Labour charges for laying of 1.1 KV class UG cable in existing trench GI pipe/ stone pipe / on wall/ on pole as required 6 sqmm to 16 sqmm.	Rmtr	12.47	Rupees Twelve and Forty Seven Paise Only
46	45.00	Digging of trench of 0.6m deep x 0.50 mtr wide refilling the trench to the required ground level and consolidating etc., complete cutting road surfaces	Mtr	86.09	Rupees Eighty Six and Nine Paise Only
47	4.00	Supplying and fixing of class A GI pipe on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV class 40mm	Mtr	351.72	Rupees Three Hundred Fifty One and Seventy Two Paise Only
48	1.00	Earthing: Supplying and fixing and wiring earth electrode for grounding circuits IC cutouts and other equipments on the meter board in the pit. The pits should be filled up with equal proportion of salt and charcoal 150mm around the pipe to complete depth. The connection from the pipe to the conduits etc. is to established through GI wire of sizes as per clause 7.3.3 of IS 732 using 12mm bolts, nuts, washers and check nuts, the pipe shall have 16 through holes of 12mm dia	Job	4330.84	Rupees Four Thousand Three Hundred Thirty and Eighty Four Paise Only
49	1.00	Providing,Supplying and fixing suitable for 1.1 KV class UG cable filled with necessary bitumen/insulating compound complete with terminals, clamps, bolts, nuts and washers etc. with necessary materials and labour tools and equipments as per instructions of engineer incharge of work. 3x25 Sqm	Each	649.05	Rupees Six Hundred Forty Nine and Five Paise Only
50	1.00	Supply and fixing polished wood board made of not less than 15mm thick plank on both sides of not more than 2 pieces and fixing the same to the wall using tapered inverted wooden plugs screws 20" x 20" x 2.5"	Nos	342.40	Rupees Three Hundred Forty Two and Forty Paise Only
51	1.00	Providing Submersible Pump Set of 150mm dia suitable for bore well and confirming to IS 8034-2000;3Phase, SS Bowl & Impeller with Low volt Motor as per specifications, to work site as per necessary ammendments and instructions of engineer incharge of work. For 3 HP etc. complete. 17.50 HP - 120 LPM @ 308 m = 26 STG Outlet Dia - 2.00"	Each	81853.35	Rupees Eighty One Thousand Eight Hundred Fifty Three and Thirty Five Paise Only
52	58.00	Supply and delivery of galvanized mild steel tubes of 6mtr standard length heavy duty (C Class) as per IS 1239 (Part-I) 1990 with latest amendments with ISI Mark (one end fitted with Heavy Duty collar and other end fitted with protective cover)	Each	3522.41	Rupees Three Thousand Five Hundred Twenty Two and Forty One Paise Only
53	650.00	Supplying and drawing 3 core flat PVC sheathed submersible pump cable manufactured with electrolytic grade copper with flexible copper with low resistance conductor confirming to13:8130-1984 and virgin grade PVC insulation and powder coating extruded PVC sheathed suitable for working voltage upto 1100 V as per IS-694:2010. 3C x 6 mm2	Mtr	433.61	Rupees Four Hundred Thirty Three and Sixty One Paise Only

Signature of the Contractor

Executive Engineer

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Sl. No.	Approved Qty.	Description	Unit	Approved Tender Rates of SRI. B M MUNIRAJU (S S CONSTRUCTIONS)	
				In Figures	In Words
54	308.16	Providing and laying in position Cement Concrete for levelling course for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machinery, curing, and all the other appurtenances required to complete the work as per technical specifications.Mix 1:3:6 Using 20 mm nominal size graded crushed coarse aggregates	Cum	7179.95	Rupees Seven Thousand One Hundred Seventy Nine and Ninety Five Paise Only
55	1.00	Supplying fully automatic star-delta starter unit push button type with suitable wires, 3 contactors, one adjustable thermal timer mounted on a common base plate held in steel enclosure for use on 400/440 V 3 phase and wired after fixing to the existing wooden board for motor Above 12.5 HP upto 25 HP	Each	9201.32	Rupees Nine Thousand Two Hundred One and Thirty Two Paise Only
56	1.00	Supply and delivery at site of brand new best make gate valve as per IS 778/1984 with ISI Mark and as per its latest amendments Size 50 mm	Each	1351.75	Rupees One Thousand Three Hundred Fifty One and Seventy Five Paise Only
57	1.00	Supply and delivery at site of brand new best make non-return valve as per IS 778/1984 with ISI Mark and as per its latest amendments Size 50 mm	Each	1312.38	Rupees One Thousand Three Hundred Twelve and Thirty Eight Paise Only
58	1.00	Supply and delivery at site delivery of best indigenous brand new MCB (Miniature Circuit Breakers) of required capacity as per IS 88228/1978 and its latest amendments and with ISI Mark of 6/10/16/20/25/40 Amps with scalable box.	Each	1207.39	Rupees One Thousand Two Hundred Seven and Thirty Nine Paise Only
59	3.00	Supplying and fixing of Porcelain fuse channel with cut out on existing wooden / panel using necessary nuts, bolts and washer etc., complete…	Nos	421.01	Rupees Four Hundred Twenty One and One Paise Only
60	75.14	Earth work excavation for pipelines/cables by Manual means upto 600 mm trench width, as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter, including dressing of excavated surfaces, disposing off or leveling the excavated earth or sorting & stacking the selected earth for reuse in a radius of 50 m. Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering and lift upto 1.5 m including cost of labour, tools, usage& other appurtenances required to complete the work.	Cum	558.97	Rupees Five Hundred Fifty Eight and Ninety Seven Paise Only
61	167.00	Providing and installing at site of work P.V.C. pipes including cost of pipes and specials and labour, including lowering into trenches, laying true to line, level and perfect linking at joints leak proof including jointing of approved type with all labour charges and all lift charges, handling charges including encasing the pipe around to a depth not less than 15 cms with gravel or selected earth available from the excavation etc. complete.90mm(weight of pipe -0.917 kg)	Mtr	242.53	Rupees Two Hundred Forty Two and Fifty Three Paise Only
62	75.14	Refilling available earth around trenches/pipelines, cables in layers not exceeding 20 cms in depth, compacting each deposited layer by ramming after watering with a lead upto 50 m , and lift upto 1.5 m. Including cost of all labour complete as per specifications	Cum	184.78	Rupees One Hundred Eighty Four and Seventy Eight Paise Only
63	10921.66	Cost of Haulage Excluding Loading and Unloading Taking output 25 t load and lead 10 km = 100 t.km	T.Km	166.30	Rupees One Hundred Sixty Six and Thirty Paise Only

Signature of the Contractor

Executive Engineer

Name Of Work: Construction of Compund wall and other improvement works at Kogilu SC/ST Burial Ground in ward No. 05 Kogilu, Construction of Balance Compund wall and other improvement works at Rachenahalli SC/ST Burial Ground and Improvements to Roads and Drain at Thanisandra Colony, Saraipalya Colony and Rachenahalli Colony, Mestripalya Surrounding in ward No. 07 Thanisandra, and Additional Works to Samudaya Bhavanva at Jakkur Layout in ward No. 08 Amruthahalli. Improvements to Roads and Drain at Maruthinagara, Maruthi Layout, NTI Layout and surrounding areas in Ward No. 11 in Kodigehalli Sub Division.

Sl. No.	Approved Qty.	Description	Unit	Approved Tender Rates of SRI. B M MUNIRAJU (S S CONSTRUCTIONS)	
				In Figures	In Words
64	10921.66	Unloading, Loading & Carriage of materials, a). Loading & Unloading of Stone Boulder/Stone aggregates/Sand/Kankar/Moorum.(Tipper 5.5m3)	T.Km	109.25	Rupees One Hundred Nine and Twenty Five Paise Only
65	39.56	Supplying, fitting and placing TMT FE 550 / 550D Steel Reinforcement including cost of all materials, machinery, labour, cleaning, straightening, cutting, bending, hooking, laping/welding joints, tying with binding wire / soft annealed steel wire and other ancilary operations complete as per drawing and technical specification. All other type of structures.	Tonne	91249.01	Rupees Ninety One Thousand Two Hundred Forty Nine and One Paise Only
66	843.35	Providing and laying in position Cement Concrete for levelling course for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machinery, curing, and all the other appurtenances required to complete the work as per technical specifications.M25 Design Mix Using 20 mm nominal size graded crushed coarse aggregates	Cum	7683.25	Rupees Seven Thousand Six Hundred Eighty Three and Twenty Five Paise Only
67	2106.60	Providing and fixing precast reinforced cement concrete covering slabs of 10Cm thick made of M20 with OPC cement, with 20mm and down size graded granite metal coarse aggregate @0.70cum and fine aggregate & 0.74 cum with superplasticizer machine,mixed, Inculding providing and removing centering, shuttering, strutting propping etc., for edges of slabs with TMT steel (Fe500) cost of all materials, labour, all lead and lift, HOM of machinery, curing, including cost of reinforcement etc., complete as directed by the Engineer in charge of the work.	Sqm	2175.39	Rupees Two Thousand One Hundred Seventy Five and Thirty Nine Paise Only
68	285.00	Providing and fixing precast reinforced cement concrete covering slabs of 23Cm thick made of M25 with OPC cement,@340kgs/cum with 20mm and down size graded granite metal coarse aggregate @0.70cum and fine aggregate & 0.74 cum with superplasticizer machine,mixed, Inculding providing and removing centering, shuttering, strutting propping etc., for edges of slabs with TMT steel (Fe500) cost of all materials, labour, all lead and lift, HOM of machinery, curing, including cost of reinforcement etc., complete as directed by the Engineer in charge of the work.	Sqm	5288.35	Rupees Five Thousand Two Hundred Eighty Eight and Thirty Five Paise Only
69	251.10	Providing B S slabs of selected quality roughly dressed havinf a size of 10 cms thick and fixed in cement mortar (1:6) including fixing curing ete., complete. as directed by the Engineer in Charge of the work	Sqm	878.77	Rupees Eight Hundred Seventy Eight and Seventy Seven Paise Only
70	251.10	Providing Machine Cutting edges to BS Slab 2.5 cms wide as per Specification (Only chamfered length shall be recorded) Inclusive of all Taxes complete as direction by the Enginer in Charge of the Work	Sqm	409.46	Rupees Four Hundred Nine and Forty Six Paise Only
71	251.10	Providing one line dressing to granite stone slab / granite stone masonry as per specifications as directed by the Engineer in Charge of the work	Sqm	254.08	Rupees Two Hundred Fifty Four and Eight Paise Only
72	84.64	Providing and laying in position Cement Concrete for levelling course for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machinery, curing, and all the other appurtenances required to complete the work as per technical specifications Mix 1:2:4 Using 20 mm nominal size graded crushed coarse aggregates	Cum	7209.98	Rupees Seven Thousand Two Hundred Nine and Ninety Eight Paise Only

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Executive Engineer

Name Of Work: Construction of Compund wall and other improvement works at Kogilu SC/ST Burial Ground in ward No. 05 Kogilu, Construction of Balance Compund wall and other improvement works at Rachenahalli SC/ST Burial Ground and Improvements to Roads and Drain at Thanisandra Colony, Saraipalya Colony and Rachenahalli Colony, Mestripalya Surrounding in ward No. 07 Thanisandra, and Additional Works to Samudaya Bhavanva at Jakkur Layout in ward No. 08 Amruthahalli. Improvements to Roads and Drain at Maruthinagara, Maruthi Layout, NTI Layout and surrounding areas in Ward No. 11 in Kodigehalli Sub Division.

Sl. No.	Approved Qty.	Description	Unit	Approved Tender Rates of SRI. B M MUNIRAJU (S S CONSTRUCTIONS)	
				In Figures	In Words
73	226.19	Providing Size Stone masonry with hard stone in foundation & plinth with Cement mortar 1:6 (1 cement : 6 coarse sand)	Sqm	7378.59	Rupees Seven Thousand Three Hundred Seventy Eight and Fifty Nine Paise Only
74	272.52	Providing and constructing load bearing wall with Solid Concrete blocks of size 400x150x200mm having block density more than 1800kg/m3 and minimum compressive strength of 4.00 N/mm2 conforming to IS 2185 (Part - I) - 2005 and constructed with CM 1:4 as per IS 2572:2005 including cost of all materials, labour, scaffolding and curing, usage charges of machinery etc complete as per sEpicification	Sqm	1421.67	Rupees One Thousand Four Hundred Twenty One and Sixty Seven Paise Only
75	575.31	Providing 15 mm cement plaster on the rough side of single or half brick wall of mix 1:4 (1 cement: 4 fine sand) including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing complete as per Specification and as per the direction of Engineer in charge	Sqm	340.69	Rupees Three Hundred Forty and Sixty Nine Paise Only
76	545.04	Wall painting with acrylic emulsion paint of approved brand and manufacture to give an even shade :Two coats on new work after thoroughly brooming the surface to remove all dirt, dust, mortar drops and foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour complete as per specifications and as per directions of Engineer-in-charg	Sqm	146.67	Rupees One Hundred Forty Six and Sixty Seven Paise Only
77	315.36	Providing and fixing Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required. In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works including cost of materials, labour, usage charges of machinery complete as per specifications and as per directions of the Engineer-in-Charge.	Kg	157.07	Rupees One Hundred Fifty Seven and Seven Paise Only
78	5639.28	Earth work in surface excavation by mechanical means for lowering & leveling the ground for all works other than foundation in all kinds of soils & upto depth not exceeding 300mm as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter including dressing of excavated surfaces, disposing off or levelling the excavated earth or sorting & stacking the selected earth for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools, usage of machinery & other appurtenances required to complete the work	Cum	650.20	Rupees Six Hundred Fifty and Twenty Paise Only
79	441.94	Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the Material with water at OMC in mechanical mix plant carriage of mixed Material by tipper to site, laying in uniform layers with paver/grader in sub-base / base course on well prepared surface and compacting with vibratory roller to achieve the desired density	Cum	2955.36	Rupees Two Thousand Nine Hundred Fifty Five and Thirty Six Paise Only

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Executive Engineer

Name Of Work: Construction of Compund wall and other improvement works at Kogilu SC/ST Burial Ground in ward No. 05 Kogilu, Construction of Balance Compund wall and other improvement works at Rachena[illegible]lli SC/ST Burial Ground and Improvements to Roads and Drain at Thanisandra Colony, Saraipalya Colony and Rachenahalli Colony, Mestripalya Surrounding in ward No. 07 Thanisandra, and Additional Works to Samudaya Bhavanva at Jakkur Layout in ward No. 08 Amruthahalli. Improvements to Roads and Drain at Maruthinagara, Maruthi Layout, NTI Layout and surrounding areas in Ward No. 11 in Kodigehalli Sub Division.

Sl. No.	Approved Qty.	Description	Unit	Approved Tender Rates of SRI. B M MUNIRAJU (S S CONSTRUCTIONS)	
				In Figures	In Words
80	85.19	Providing and laying in position Cement Concrete for levelling course for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machinery, curing, and all the other appurtenances required to complete the work as per technical specifications.Mix 1:3:6 Using 40 mm nominal size graded crushed coarse aggregates	Cum	6916.64	Rupees Six Thousand Nine Hundred Sixteen and Sixty Four Paise Only
81	85.19	Providing and constructing un-reinforced plain cement concrete pavement, thickness as per design, over a prepared sub base, with 43 grade cement or any other type as per Clause 1501.2.2 M30 (Grade), coarse and fine aggregates conforming to IS:383, maximum size of coarse aggregate not exceeding 25 mm, mixed in a concrete mixer of not less than 0.2 cum capacity andappropriate weigh batcher using approved mix design, laid in approved fixed side formwork (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the formwork as per drawing), spreading the concrete with shovels, rakes, compacted using needle, screed and plate vibrators and finished in continuous operation including construction joints, , primer, sealant , curing of concrete slabs for 14- days, and water finishing to lines and grade as per drawing and technical specification clause 1501 with all lead, lifts, loading & unloading charges, cost and conveyance of all materials, labour, equipments etc., complete. as per the directions of the Engineer-in-charge of the work.	Cum	7800.13	Rupees Seven Thousand Eight Hundred and Thirteen Paise Only
82	2209.70	Providing and applying primer coat with SS1 grade Bitumen Emulsion on prepared surface of granular base including cleaning of road surface and spraying primer at the rate of 0.90 kg per m2 using mechanical means.	Sqm	47.35	Rupees Forty Seven and Thirty Five Paise Only
83	6437.30	Providing and applying tack coat with VG-10 Bitumen using pressure distributor at the rate of 0.20 kg/m2on the prepared bituminous surface cleaned with mechanical broom.	Sqm	13.86	Rupees Thirteen and Eighty Six Paise Only
84	110.48	Providing and laying Dense Graded Bituminous Macadam with 40/60 TPH capacity HMP using crushed aggregates of specified grading, premixed with bituminous binder VG-30, @ 4.5 per cent by weight of total mix and filler, transporting the hot mix to work site, laying with mechanical paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MoRTH specification clause No. 505 complete in all respects.	Cum	10912.56	Rupees Ten Thousand Nine Hundred Twelve and Fifty Six Paise Only
85	257.49	Providing and laying Bituminous Concrete with 40/60 TPH capacity hot mix plant using crushed aggregates of specified grading, premixed with bituminous binder VG-30, @ 5.4 per cent of mix and filler, transporting the hot mix to work site, laying with mechanical paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 507 complete in all respects	Cum	12650.67	Rupees Twelve Thousand Six Hundred Fifty and Sixty Seven Paise Only
86	11078.60	Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads @ 250 g/ m2 area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35:2015.The finished surface to be level, uniform and free from streaks and holes.	Sqm	612.09	Rupees Six Hundred Twelve and Nine Paise Only

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Sl. No.	Approved Qty.	Description	Unit	Approved Tender Rates of SRI. B M MUNIRAJU (S S CONSTRUCTIONS)	
				In Figures	In Words
87	42.71	Providing and laying in position Cement Concrete for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necessary, including all lead & lifts, cost of all materials of quality, confirming to the requirements of relevant IS codes, labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications.M25 Design Mix Using 20 mm nominal size graded crushed coarse aggregates First floor.	Cum	9607.72	Rupees Nine Thousand Six Hundred Seven and Seventy Two Paise Only
88	31.56	Providing and laying in position Cement Concrete for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necessary, including all lead & lifts, cost of all materials of quality, confirming to the requirements of relevant IS codes, labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications.M25 Design Mix Using 20 mm nominal size graded crushed coarse aggregates Second floor.	Cum	9702.85	Rupees Nine Thousand Seven Hundred Two and Eighty Five Paise Only
89	6.40	Supplying, fitting and placing TMT FE 550 / 550D Steel Reinforcement including cost of all materials, machinery, labour, cleaning, straightening, cutting, bending, hooking, laping/welding joints, tying with binding wire / soft annealed steel wire and other ancilary operations complete as per drawing and technical specification. All other type of structures First floor	Tonne	104346.12	Rupees One Hundred Four Thousand Three Hundred Forty Six and Twelve Paise Only
90	3.78	Supplying, fitting and placing TMT FE 550 / 550D Steel Reinforcement including cost of all materials, machinery, labour, cleaning, straightening, cutting, bending, hooking, laping/welding joints, tying with binding wire / soft annealed steel wire and other ancilary operations complete as per drawing and technical specification. All other type of structures (a) Second floor	Tonne	105379.25	Rupees One Hundred Five Thousand Three Hundred Seventy Nine and Twenty Five Paise Only
91	126.27	Providing and constructing load bearing wall with Solid Concrete blocks of size 400x150x200mm having block density more than 1800kg/m3 and minimum compressive strength of 4.00 N/mm2 conforming to IS 2185 (Part - I) - 2005 and constructed with CM 1:4 as per IS 2572:2005 including cost of all materials, labour, scaffolding and curing, usage charges of machinery etc complete as per specifications.First floor	Sqm	1435.89	Rupees One Thousand Four Hundred Thirty Five and Eighty Nine Paise Only
92	165.21	Providing and constructing load bearing wall with Solid Concrete blocks of size 400x150x200mm having block density more than 1800kg/m3 and minimum compressive strength of 4.00 N/mm2 conforming to IS 2185 (Part - I) - 2005 and constructed with CM 1:4 as per IS 2572:2005 including cost of all materials, labour, scaffolding and curing, usage charges of machinery etc complete as per specifications. Second floor	Sqm	1450.10	Rupees One Thousand Four Hundred Fifty and Ten Paise Only
93	8.82	Providing and constructing load bearing wall with Solid Concrete blocks of size 400x150x200mm having block density more than 1800kg/m3 and minimum compressive strength of 4.00 N/mm2 conforming to IS 2185 (Part - I) - 2005 and constructed with CM 1:4 as per IS 2572:2005 including cost of all materials, labour, scaffolding and curing, usage charges of machinery etc complete as per specificationsSecond floor	Sqm	1300.50	Rupees One Thousand Three Hundred and Fifty Paise Only

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Sl. No.	Approved Qty.	Description	Unit	Approved Tender Rates of SRI. B M MUNIRAJU (S S CONSTRUCTIONS)	
				In Figures	In Words
94	6.02	Providing and laying in position Cement Concrete for levelling course for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machinery, curing, and all the other appurtenances required to complete the work as per technical specifications.Mix 1:3:6 Using 20 mm nominal size graded crushed coarse aggregatesSecond floor	Cum	7323.55	Rupees Seven Thousand Three Hundred Twenty Three and Fifty Five Paise Only
95	357.00	Hacking of CC flooring including cleaning for surface etc. complete as per direction of the Engineer-in-Charge	Sqm	3.46	Rupees Three and Forty Six Paise Only
96	725.70	Chipping unsound weak concrete material from slabs. Beams, columns & roofs upto 50mm by manual means or by standard power driven percussion type including cleaning reinforcement with wire brush complete as per direction of Engineer incharge of work.	Sqm	166.30	Rupees One Hundred Sixty Six and Thirty Paise Only
97	155.76	Providing 12 mm cement plaster with cement mortar 1:4 (1 cement: 4 fine sand) to brick masonry including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and as per directions of Engineer-in-charge..First Floor	Sqm	297.44	Rupees Two Hundred Ninety Seven and Forty Four Paise Only
98	81.50	Providing 12 mm cement plaster with cement mortar 1:4 (1 cement: 4 fine sand) to brick masonry including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and as per directions of Engineer-in-charge. Second Floor	Sqm	300.39	Rupees Three Hundred and Thirty Nine Paise Only
99	198.06	Providing 20 mm cement plaster of mix :1:4 (1 cement: 4 fine sand) to brick/stone masonry including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and as per directions of Engineer-in-ChargeFirst floor	Sqm	412.92	Rupees Four Hundred Twelve and Ninety Two Paise Only
100	177.35	Providing 20 mm cement plaster of mix :1:4 (1 cement: 4 fine sand) to brick/stone masonry including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and as per directions of Engineer-in-Charge Second floor	Sqm	417.01	Rupees Four Hundred Seventeen and One Paise Only
101	243.45	Providing 20 mm cement plaster with cement mortar 1:3 (1 cement: 3 coarse sand) finished with a floating coat of neat cement to brick/ stone masonry including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and as per directions of Engineer-in-charge. Ground floor	Sqm	495.45	Rupees Four Hundred Ninety Five and Forty Five Paise Only
102	168.92	Providing 20 mm cement plaster with cement mortar 1:3 (1 cement: 3 coarse sand) finished with a floating coat of neat cement to brick/ stone masonry including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and as per directions of Engineer-in-charge. First floor	Sqm	500.40	Rupees Five Hundred and Forty Paise Only
103	261.09	Providing 20 mm cement plaster with cement mortar 1:3 (1 cement: 3 coarse sand) finished with a floating coat of neat cement to brick/ stone masonry including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and as per directions of Engineer-in-charge. Second floor	Sqm	505.36	Rupees Five Hundred Five and Thirty Six Paise Only

Signature of the Contractor

Executive Engineer

Executive Engineer
Byatarayanapura Division
BBMP, Bangalore-92

Name Of Work: Construction of Compund wall and other improvement works at Kogilu SC/ST Burial Ground in ward No. 05 Kogilu, Construction of Balance Compund wall and other improvement works at Rachenahalli SC/ST Burial Ground and Improvements to Roads and Drain at Thanisandra Colony, Saraipalya Colony and Rachenahalli Colony, Mestripalya Surrounding in ward No. 07 Thanisandra, and Additional Works to Samudaya Bhavanva at Jakkur Layout in ward No. 08 Amruthahalli. Improvements to Roads and Drain at Maruthinagara, Maruthi Layout, NTI Layout and surrounding areas in Ward No. 11 in Kodigehalli Sub Division.

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				In Figures	In Words
104	612.68	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete as per specifications and as per directions of Engineer in charge.	Sqm	115.49	Rupees One Hundred Fifteen and Forty Nine Paise Only
105	673.47	Finishing walls with Acrylic Smooth exterior paint of required shade :New work (Two coat applied @ 1.67L/10 m² over and including priming coat of exterior primer applied @ 2.20 kg/10 m²) with paint of approved quality to give an even shade, after thoroughly brooming the surface to remove all dirt, dust, mortar drops and foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour complete as per specifications and as per directions of Engineer-in-charge.	Sqm	200.95	Rupees Two Hundred and Ninety Five Paise Only
106	612.68	Finishing with Deluxe Multi surface paint system for interiors and exteriors using Primer as per manufacturers specifications: Two coats applied on walls @ 1.25 L/10 m² over and including one coat of Special primer applied @ 0.75 L/10 m² with paint of approved quality to give an even shade, after thoroughly brooming the surface to remove all dirt, dust, mortar drops and foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour complete as per specifications and as per directions of Engineer-in-charge. (The gloss should be 50% @ 60 degree angle with 10 years life)	Sqm	182.47	Rupees One Hundred Eighty Two and Forty Seven Paise Only
107	48.51	Providing skirting, dadooing, rises of steps with colour glazed tiles 6mm thick on 10mm thick cement plaster 1:3 and jointed with white cement slurry over existing rough plaster surface using glazed tiles of approved make and size including cost of materials, labour, complete as per specifications.	Sqm	1673.44	Rupees One Thousand Six Hundred Seventy Three and Forty Four Paise Only
108	29.70	Providing and laying Ceramic glazed floor tiles of size 300x300 mm (thickness to be specified by the manufacturer) of 1st quality conforming to IS : 15622 of approved make in colours such as White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick cement mortar 1:4 (1 Cement : 4 Coarse sand), Jointing with grey cement slurry @ 3.3 kg/m2 including pointing the joints with white cement and matching pigment etc., complete	Sqm	1242.66	Rupees One Thousand Two Hundred Forty Two and Sixty Six Paise Only
109	0.11	Providing Honne wood frames of doors, windows, clerestory windows, ventilators and other frames, wrought, framed or assembled including making plaster groves (excluding cost of cement concrete and side clamps), but including cost of materials, labour, usage charges complete as per specifications. First floor.	Cum	161054.88	Rupees One Hundred Sixty One Thousand Fifty Four and Eighty Eight Paise Only
110	0.11	Providing Honne wood frames of doors, windows, clerestory windows, ventilators and other frames, wrought, framed or assembled including making plaster groves (excluding cost of cement concrete and side clamps), but including cost of materials, labour, usage charges complete as per specifications. Second floor.	Cum	162649.49	Rupees One Hundred Sixty Two Thousand Six Hundred Forty Nine and Forty Nine Paise Only
111	0.22	Providing Honne wood frames of doors, windows, clerestory windows, ventilators and other frames, wrought, framed or assembled including making plaster groves (excluding cost of cement concrete and side clamps), but including cost of materials, labour, usage charges complete as per specifications. Ground floor.	Cum	159460.28	Rupees One Hundred Fifty Nine Thousand Four Hundred Sixty and Twenty Eight Paise Only
112	16.38	Providing and fixing in position fully panelled Honne wood shutters for doors with stiles and rails of 40mm. thick with bottom and lock rails 180mm wide top rail and stiles 100mm wide as per drawing and panels of 25mm thick including cost of materials, labour, usage charges complete as per specifications. (excluding cost of fixtures) Ground floor	Sqm	8597.00	Rupees Eight Thousand Five Hundred Ninety Seven Only

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				In Figures	In Words
113	11.34	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade :Two coats on new work over an under coat of suitable shade with ordinary paint of approved brand and manufacture after thoroughly brooming the surface to remove all dirt, dust, mortar drops and foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour complete as per specifications and as per directions of Engineer-in-charge.	Sqm	192.87	Rupees One Hundred Ninety Two and Eighty Seven Paise Only
114	11.40	Providing & fixing factory made PVC Door frame of size 50x47mm with a wall thickness of 5mm, made out of extruded 5mm rigid PVC foam sheet metered cut at corners & jointed 2 No.s of 150mm long brackets of 15x15mm M.S Square tube, the entire door frame to be reinforced with 19x19mm M.S Square tube of 19 gauge. The door frame to be fixed to the wall using M.S. Screws of 65/80mm size complete as per manufacturers specification & direction of Engineer-in-charge.	Rmtr	367.26	Rupees Three Hundred Sixty Seven and Twenty Six Paise Only
115	3.15	Providing & fixing 30mm thick factory made rigid foam Panelled Door Shutters made from M.S. tube of 19 gauge thickness, size 19x19mm for stiles and 15x15mm for top & bottom rails, covered with heat moulded PVC C channel of 5mm thick sheet & 30 x 50mm wide to form stiles & 5mm thick & 75mm wide PVC Sheets for top rail, lock rail & bottom rail on either side & 5mm thick 20mm wide PVC sheet as gap insert for top rail & bottom rail, Panelling of 5mm thick PVC sheet fitted in the M.S. Frame, Sealed to the stiles & rails with 5x30mm PVC sheet beading on either side & joined together with solvent cement adhesive etc., Complete as per manufacturers specification & direction of Engineer-in-charge fixed to frames with 3 nos of 75 mm Aluminium hinges.	Sqm	1833.97	Rupees One Thousand Eight Hundred Thirty Three and Ninety Seven Paise Only
116	33.83	Providing & fixing of 3-track x 2-panel sliding windows made out of multi chambered UPVC(Matching to RAL-9016) sections and with minimum TiO2(Titanium Dioxide) at 6PHR with TPE(Thermo Plastic Elastomer) and lead free, gaskets -grey colour having isolated drainage and reinforced with Galvanized Iron profile through-out the window frame. The outer frame having an overall size of 108mm width x 45mmheight with reinforcement of 1mm thickness and Sash with overall size of 39mm x 75mm with GI reinforcement of 2mm and mesh sash of size 37mm x 58mm. Coextruded Glazing bead for fixing of glass shall be of size 20mm x 24 mm. Windows shall be provided with 6mm plain float glass, standard hardware& Multi point locking system with touch lock. Wall thickness of frame & sash shall be of 2mm-2.5mm. Maximum possible size 2419mm x 2200mm. (The cost is inclusive of all fixtures and separate charges for minor T&P's shall not be made))	Sqm	7777.03	Rupees Seven Thousand Seven Hundred Seventy Seven and Three Paise Only
117	4.32	Providing & fixing of louvered ventilator made out of multi chambered UPVC(Matching to RAL-9016) sections and with minimum TiO2(Titanium Dioxide) at 6PHR with TPE(Thermo Plastic Elastomer) and lead free with gaskets -grey colour having isolated drainage and reinforced with Galvanized Iron profile through-out the ventilator frame. The frame having overall size of 39mm x 39mm with GI reinforcement of 1mm thickness. Louver clip in Aluminium (powder coated in white) will be used on the frame along with plastic parts for fixing the 4 mm pin head glass. Wall thickness of frame shall be 2mm.Maximum possible size 1000mm x 1000mm. (The cost is inclusive of all fixtures and separate charges for minor T&P's shall not be made).	Sqm	6604.82	Rupees Six Thousand Six Hundred Four and Eighty Two Paise Only

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Name Of Work: Construction of Compund wall and other improvement works at Kogilu SC/ST Burial Ground in ward No. 05 Kogilu, Construction of Balance Compund wall and other improvement works at Rachenahalli SC/ST Burial Ground and Improvements to Roads and Drain at Thanisandra Colony, Saraipalya Colony and Rachenahalli Colony, Mestripalya Surrounding in ward No. 07 Thanisandra, and Additional Works to Samudaya Bhavanva at Jakkur Layout in ward No. 08 Amruthahalli. Improvements to Roads and Drain at Maruthinagara, Maruthi Layout, NTI Layout and surrounding areas in Ward No. 11 in Kodigehalli Sub Division.

Sl. No.	Approved Qty.	Description	Unit	Approved Tender Rates of SRI. B M MUNIRAJU (S S CONSTRUCTIONS)	
				In Figures	In Words
118	201.78	Polyurethane based Single Component for New Surface Providing and laying water proofing treatment to the Roof with PU based single component elastomeric pure polyurethane based coating on New terrace/Chajjas/Sunken portion of WC:Bathroom, cold applied PU waterproofing membrane that is highly elastic with elongation greater than 400% and tensile strength greater than 2MPa as per ASTM D412. The waterproofing membrane to be applied in 2coats @ 1.6 kg/m2 to achieve final DFT (Dry Film Thickness) of 1mm including prime coat of epoxy primer @150 g/m2 and protection with 120gsm Geo-textile over the waterproofing membrane. The finished cost to include surface preparation, making coving at Junction, Bore Packing, treatment of construction joints completely as per specification.	Sqm	943.55	Rupees Nine Hundred Forty Three and Fifty Five Paise Only
119	630.90	Providing and laying 52 mm thick cement concrete flooring with concrete hardener topping, under layer 40 mm thick cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) and top layer 12 mm thick cement hardener consisting of mix 1:2 (1 cement hardener mix : 2 graded stone aggregate 6 mm nominal size) by volume, hardening compound mixed @ 2 litre per 50 kg of cement or as per direction of Engineer incharge.	Sqm	923.91	Rupees Nine Hundred Twenty Three and Ninety One Paise Only
120	233.19	Providing and laying flooring and steps fine machine polished granite stone slabs 20 mm thick on cement mortar bed 1:6, 20 mm thick, and joints finished with cement mortar 1:3 over existing cement concrete bed , including cost of materials, mortar, labour, curing complete as per specifications.	Sqm	6153.25	Rupees Six Thousand One Hundred Fifty Three and Twenty Five Paise Only
121	215.33	Providing and laying flooring and steps fine machine polished granite stone slabs 20 mm thick on cement mortar bed 1:6, 20 mm thick, and joints finished with cement mortar 1:3 over existing cement concrete bed , including cost of materials, mortar, labour, curing complete as per specifications.. First floor	Sqm	6214.79	Rupees Six Thousand Two Hundred Fourteen and Seventy Nine Paise Only
122	106.62	Providing and laying flooring and steps fine machine polished granite stone slabs 20 mm thick on cement mortar bed 1:6, 20 mm thick, and joints finished with cement mortar 1:3 over existing cement concrete bed , including cost of materials, mortar, labour, curing complete as per specifications.. Second floor	Sqm	6276.32	Rupees Six Thousand Two Hundred Seventy Six and Thirty Two Paise Only
123	152.28	Providing and laying Chequerred precast cement concrete tiles 22 mm thick in footpath & courtyard, jointed with neat cement slurry mixed with pigment to match the shade of tiles, including rubbing and cleaning etc. complete, on 20 mm thick bed of cement mortar 1:4 (1 cement: 4 coarse sand) Light shade pigment using white cement	Sqm	1494.87	Rupees One Thousand Four Hundred Ninety Four and Eighty Seven Paise Only
124	2.00	Providing and fixing white vitreous china flat back or wall corner type lipped front urinal basin of 430x260x350 mm and 340x410x265 mm sizes respectively with automatic flushing cistern with standard flush pipe and C.P. brass spreaders with brass unions and G.I clamps complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required :One urinal basin with 5 litre white P.V.C. automatic flushing cistern	Each	5143.88	Rupees Five Thousand One Hundred Forty Three and Eighty Eight Paise Only
125	627.40	Providing and fixing M.S. grills of required pattern in frames of windows etc. with M.S. flats, square or round bars etc. including priming coat with approved steel primer all complete. Fixed to openings /wooden frames with rawl plugs screws etc.	Kg	211.34	Rupees Two Hundred Eleven and Thirty Four Paise Only

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Sl. No.	Approved Qty.	Description	Unit	Approved Tender Rates of SRI. B M MUNIRAJU (S S CONSTRUCTIONS)	
				In Figures	In Words
126	6.48	Providing and fixing in position collapsible steel shutters with vertical channels 20x10x2 mm and braced with flat iron diagonals 20x5 mm size, with top and bottom rail of T-iron 40x40x6 mm, with 40 mm dia steel pulleys, complete with bolts, nuts, locking arrangement, stoppers, handles, including applying a priming coat of approved steel primer including cost of materials ,labour, usage charges of machinery complete as per specifications and as per directions of the Engineer-in-Charge.	Sqm	9557.87	Rupees Nine Thousand Five Hundred Fifty Seven and Eighty Seven Paise Only
127	178.56	Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two coat applied @ 0.90 ltr/10 m² over an under coat of primer applied @ 0.80 ltr/10 m² of approved brand and manufacture including preparing the surface after thorougly cleaning oil, grease, dirt and foreign matter, cost of materials, labour complete as per specifications and as per directions of Engineer-in-charge.	Sqm	160.53	Rupees One Hundred Sixty and Fifty Three Paise Only
128	202.50	Providing and fixing stainless steel (Grade 304) railing made of Hollow tubes, channels, plates etc., including welding, grinding, buffing, polishing and making curvature (wherever required) and fitting the same with necessary stainless steel nuts and bolts complete, i/c fixing the railing with necessary accessories & stainless steel dash fasteners, stainless steel bolts etc., of required size, on the top of the floor or the side of waist slab with suitable arrangement as per approval of Engineer-in- charge, (for payment purpose only weight of stainless steel members shall be considered excluding fixing accessories such as nuts, bolts, fasteners etc.) including cost of materials, labour, usage charges of machinery complete as per specifications and as per directions of the Engineer-in-Charge.	Kg	652.51	Rupees Six Hundred Fifty Two and Fifty One Paise Only
129	4.00	Constructing brick masonry chamber for underground C.I. inspection chamber and bends with bricks in cement mortar 1:4 (1 cement : 4 coarse sand) C.I. cover with frame (light duty) 600X850 mm internal dimensions, total weight of cover with frame to be not less than 38 kg (weight of cover 23 kg and weight of frame 15 kg), R.C.C. top slab with 1:1.5:3 mix (1 cement : 1.5 fine sand : 3 graded stone aggregate 20 mm nominal size), foundation concrete 1:5:10 (1 cement : 5 fine sand : 10 graded stone aggregate 40 mm nominal size), inside plastering 12 mm thick with cement mortar 1:3 (1 cement : 3 coarse sand), finished smooth with a floating coat of neat cement on walls and bed concrete etc	No	8547.34	Rupees Eight Thousand Five Hundred Forty Seven and Thirty Four Paise Only
130	145.00	Supplying heavy gauge PVC conduit pipe ..... mm dia.....mm thick confirming to IS 2509 with suitable size bends, metal/PVC Junction boxes, adhesive paste etc., and running before concreting the slab. The conduit should be tied to the reinforcement rods by using binding wires and unused ways of junction boxes and pipe ends should be covered using PVC end enclosures, run with 18SWG GI fish wire wherever necessary 25mm dia 2mm thick	Rmtr	83.99	Rupees Eighty Three and Ninety Nine Paise Only
131	114.00	Supplying heavy gauge PVC Conduit Pipe .... dia ..... mm thick with suitable size bends, metal junction boxes adhesive paste etc., by groove cutting in the wall and fixing by bracing U or J hooks and cement plastering upto the wall surface and run with 18 SWG GI fish wire run throughout the conduit wherever necessary. 25 mm dia 2 mm thick	Rmtr	82.94	Rupees Eighty Two and Ninety Four Paise Only
132	14.00	Supplying and fixing PVC/metal conduit Deep junction box 25 mm deep Junction box	Each	59.84	Rupees Fifty Nine and Eighty Four Paise Only
133	14.00	Supplying And Fixing Metal Fan Box with Round Hook.	No	125.99	Rupees One Hundred Twenty Five and Ninety Nine Paise Only

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Sl. No.	Approved Qty.	Description	Unit	Approved Tender Rates of SRI. B M MUNIRAJU (S S CONSTRUCTIONS)	
				In Figures	In Words
134	12.00	Supplying and wiring adopting loop system in existing PVC Conduit /casing capping using 2x1.5Sqmm (Phase & Neutral) & 1x1.0 sqmm (Earth wire) FRLS multi strand PVC insulated copper wire (confirming to IS-694: and latest amendments) with a 6Amps flush type SP control switch shall be fixed on the existing plastic sheet/ gang box, the other end of the wires shall be terminated with sufficient loose length in a wood/PVC round block. complete for each outlet. Medium point above 3m upto 6m from tapping point to out letvia switch	Point	397.91	Rupees Three Hundred Ninety Seven and Ninety One Paise Only
135	39.00	Supplying and wiring adopting loop system in existing PVC Conduit /casing capping using 2x1.5mm2 (Phase & Neutral) & 1x1.0 mm2 (Earth wire) FRLS multi strand PVC insulated copper wire (confirming to IS-694: and latest amendments) with a 6A flush type SP control switch shall be fixed on the existing plastic sheet/ gang box, the other end of the wires shall be terminated with sufficient loose length in a wood/PVC round block. complete for each outletLong point above 6m upto 10m from tapping point to out let via switch	Point	582.69	Rupees Five Hundred Eighty Two and Sixty Nine Paise Only
136	1250.00	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand copper wire with low conductor resistance single core in open or concealed system of wiring with specified IS- 694:2010 1 sqmm	Mtr	19.95	Rupees Nineteen and Ninety Five Paise Only
137	1350.00	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand copper wire with low conductor resistance single core in open or concealed system of wiring with specified IS-694:confirming to latest amendments. - 2.5 sqmm.	Mtr	44.10	Rupees Forty Four and Ten Paise Only
138	14.00	Supplying 6A flush type socket and 6 A flush type SP switch either surface/flush mounting in existing gang box or in 4mm thick plastic sheet and fixing over a flush mounted wooden box and wiring using necessary capacity wires as required as per IS 1293 and IS 3654 - 6Amps 3/5 Way	Each	154.34	Rupees One Hundred Fifty Four and Thirty Four Paise Only
139	10.00	Supplying and flush mounting powder coated / galvanized metal box suitable for mounting modular switch plates. The box should be firmly flush mounted after due groove cutting in Brick/Stone/C.C wall - 8Way	Each	274.02	Rupees Two Hundred Seventy Four and Two Paise Only
140	14.00	Supplying and flush mounting powder coated / galvanized metal box suitable for mounting modular switch plates. The box should be firmly flush mounted after due groove cutting in Brick/Stone/C.C wall - 10-12 Way	Each	334.92	Rupees Three Hundred Thirty Four and Ninety Two Paise Only
141	5000.00	Supplying 4mm thick plastic sheet with necessary nitches for fixing switches, regulators etc, and fixing on existing wooden or metal box using N.F. screws.	Sq CM	0.43	and Forty Three Paise Only
142	18.00	Supplying and fixing of modular switch & connected accessories on existing modular switch plate as per IS 3854 and IS 1293.. -Stepped Fan Regulator Two Module	Each	374.81	Rupees Three Hundred Seventy Four and Eighty One Paise Only
143	42.00	Supplying and fixing of modular switch & connected accessories on existing modular switch plate as per IS 3854 and IS 1293.. -6A One Way Switch	Each	107.09	Rupees One Hundred Seven and Nine Paise Only
144	38.00	Supply of round/square recess/surface mounted rolling type LED Down light with ..... W GU 10 LED Lamp Rib Fabricated from diecast aluminium with white powder coated prewired to mains connector & has swivelling unit of aluminium die cast eye ball & LED Lamp position retained by circular wire spring, with Life of 25000 burning hours & 70% lumen maintenance with CRI 80. Power Input: 220-240V @50/60Hz & Power factor 0.9 along with CE approved. 2years Warranty against any manufacturing defect working under standard electrical condition LED	Each	1390.07	Rupees One Thousand Three Hundred Ninety and Seven Paise Only

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				In Figures	In Words
145	14.00	Supplying of Ceiling Fan with Capacitor rating As per guideline of BEE 5 star rating and IS:374/79 and also comply with IS: 1709/1984 with latest amendment, Rated voltage 220 V/50 Hz, Rated power input 48 W +/- 10 %, Rated current As per IS:374/79, Rated power factor 0.9 lagging(min), Rated speed 350 +/- 10% RPM, Rated air delivery 210 +/- 10% Cubic Meter Minimum, Rated service value 4.2 CMM / W, Three Blades of blade leaf 1.05 mm thick Aluminium Alloy sheet, Class B motor insulation, Bearing Two ball bearings, Top 6202, Bottom 6201, as per IS specification, Motor winding. Temp rise Shall not exceed 75 deg C over and ambient of 40 0C by resistance method at 245 V, Insulation resistance Shall not be less than Two Mega Ohms (2M Ohms), Leakage current Should not exceed 210 Micro Amp, Power input, W& current, Air Delivery & Fan Speed as per IS:374/1979 with latest amendment, 2 year manufacturer Warranty..48" Sweep 5 Star (1200 mm)	Each	4517.72	Rupees Four Thousand Five Hundred Seventeen and Seventy Two Paise Only
146	2.00	Supplying & fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898.6-32 A SP	Each	435.71	Rupees Four Hundred Thirty Five and Seventy One Paise Only
147	2.00	Supplying, fixing and wiring Electronic Trivector Meter (ETV) 5 to 32/63 A three phase 4 wire whole current class-1 Accuracy Energy Meter	Each	5989.68	Rupees Five Thousand Nine Hundred Eighty Nine and Sixty Eight Paise Only
148	60.00	Supplying of 1.1KV LT UG cable XPLE or heat resistant PVC Insulated PVC eatruded inner sheath armoured UG LT cable as per IS -1554(Part-1) or IS-7098 Part-1,Armouring strip thickness in average +5% and resistivity 14ohms/kms(max) as per IS -3975 4 core 16sqmm	Rmtr	157.49	Rupees One Hundred Fifty Seven and Forty Nine Paise Only
149	60.00	Labour charges for laying of 1.1 KV class UG cable in existing trench GI pipe/ stone pipe / on wall/ on pole as required 6 sqmm to 16 sqmm.	Rmtr	12.47	Rupees Twelve and Forty Seven Paise Only

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Byarayanapura Division
Bruhat Bengaluru Mahanagara Palike

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